

Attorney Docket Number: FSP0031
Client Reference Number: AWS 862.US
Title: LOCATION ANNOUNCEMENT FOR MOBILE DEVICES
Application Number: 10/685,616

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Claims

1. (Original) A method comprising:
obtaining location information for a caller during establishment of a call to a called party;
converting the location information to voice information; and
announcing the voice information to the called party.
2. (Original) The method of claim 1, further comprising:
obtaining the location information from a Gateway Mobile Location Center (GMLC);
providing the location information to an intelligent peripheral (IP); and
the IP converting the location information to the voice information.
3. (Original) The method of claim 1, further comprising:
forming a connection between the called party and an intelligent peripheral (IP);
the IP announcing the voice information over the connection between the called party and the IP;
and
forming a connection between the called party and a calling party.
4. (Original) The method of claim 1, further comprising:
obtaining name information for the caller;
converting the location information and the name information to the voice information; and
announcing the voice information to the called party.
5. (Original) The method of claim 4, further comprising:
obtaining the name information using Calling Name Address Presentation (CNAP).

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6. (Original) A method comprising:

obtaining location information for a called party during establishment of a call to the called party;
converting the location information to voice information; and
announcing the voice information to a calling party.

7. (Original) The method of claim 6, further comprising:

obtaining the location information from a Gateway Mobile Location Center (GMLC);
providing the location information to an intelligent peripheral (IP); and
the IP converting the location information to the voice information.

8. (Original) The method of claim 6, further comprising:

forming a connection between the calling party and an intelligent peripheral (IP);
the IP announcing the voice information over the connection between the calling party and the IP;
and
forming a connection between the calling party and the called party.

9. (Original) The method of claim 6, further comprising:

obtaining name information for the called party;
converting the location information and the name information to the voice information; and
announcing the voice information to the calling party.

10. (Original) The method of claim 9, further comprising:

obtaining the name information using Calling Name Address Presentation (CNAP).

11. (Currently Amended) A network comprising:

a switch;
at least one network element to track the locations of wireless devices that interact with the network; and

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at least one network element to convert location information for a calling wireless device obtained from the at least one network element to track locations to a voice announcement, and to interact with the switch to provide the announcement to at least one ~~of a calling wireless device and a called wireless device~~.

12. (Original) The network of claim 11, the at least one network element to track the locations of wireless devices that interact with the network comprising:
a Gateway Mobile Location Center (GMLC).

13. (Currently Amended) The network of claim 11, the at least one network element to convert location information for a wireless device obtained from the at least one network element to track locations to a voice announcement, and to interact with the switch to provide the announcement to at least one ~~of a calling wireless device and a called wireless device~~, comprising:
an Intelligent Peripheral (IP).

14. (Currently Amended) The network of claim 11, further comprising:
at least one network element to obtain name information corresponding to at least one ~~of the calling wireless device and a called wireless device~~; and
the at least one network element to provide the announcement converting the name information and the location information to the voice announcement.

15. (Original) The network of claim 14, the at least one network element to obtain name information further comprising:
a Line Information Database (LIDB).

16. (Currently Amended) A network element comprising:
a processor;
at least one port; and

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logic that, when applied to the processor, results in converting location information for a calling wireless device to a voice announcement, and interacting via the at least one port with a switch to provide the announcement to at least one of ~~a calling wireless device and a called wireless device~~.

17. (Original) The network element of claim 16, further comprising:
logic that, when applied to the processor, results in converting name and location information for a wireless device to a voice announcement.

18. (Currently Amended) A network element comprising:
a processor;
at least one port; and
logic that, when applied to the processor, results in the network element becoming involved in the establishment of a call, obtaining via the at least one port location information for a caller from a network element that provides location information, and providing via the at least one port the location information to a network element that creates a voice announcement of the caller's location to a called wireless device.

19. (Original) The network element of claim 16, further comprising:
logic that, when applied to the processor, results in obtaining via the at least one port name information for the caller from a network element that provides a name service, and providing via the at least one port the name information to a network element that creates a voice announcement of the name information and the caller's location to a called wireless device.

20. (Original) A network element comprising:
a processor;
at least one port; and
~~logic that, when applied to the processor, results in the network element becoming involved in the establishment of a call, obtaining via the at least one port location information for a called party~~

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~~from a network element that provides location information, and providing via the at least one port the location information to a network element that creates a voice announcement of the called party's location to a calling wireless device.~~

logic that, when applied to the processor, results in the network element becoming involved in the establishment of a call, and results in obtaining via the at least one port name information for a called party from a network element that provides a name service, and providing via the at least one port the name information to a network element that creates a voice announcement to a calling wireless device of the name information and the called party's location.

21. (Cancelled)